What is claimed is:

1. A handle for a dental tool, the handle comprising:

a sleeve having a first end provided with a head and having a second end;

an air turbine, for driving a tool, arranged in the head of the sleeve;

a connector connected to the second end of the sleeve and configured to attach to a supply line or an intermediate member;

at least one driving air conduit for supplying driving air to the air turbine, the at least one driving air conduit having a conduit end;

an insert member inserted into the sleeve and positioned proximal to the head of the sleeve;

wherein the conduit end of the at least one driving air conduit is arranged in the insert member.

2. The handle according to claim 1, further comprising at least one auxiliary component selected from the group consisting of:

at least one light guide; and

at least one medium conduit.

3. The handle according to claim 2, wherein the at least one auxiliary component is arranged in the sleeve and has a forward end enclosed by the insert member.

4. The handle according to claim 3, further comprising a return air conduit formed by an interior of the sleeve not occupied by the at least one auxiliary component, wherein the return air conduit further comprises a fluid connection connecting the head and the interior, wherein the fluid connection is at least one through opening provided in the insert member.

5. The handle according to claim 1, wherein the insert member comprises a mixing chamber for chip air and spray water.

6. The handle according to claim 1, wherein the sleeve is made of a monolithic blank.

7. The handle according to claim 1, wherein the insert member is comprised of several insert member parts.

8. The handle according to claim 7, wherein the insret member parts are connected to form the complete insert member.

9. A method for manufacturing a handle for a dental tool, wherein the handle comprises a sleeve having a first end provided with a head and having a second end; an air turbine for driving a tool arranged in the head of the sleeve; a connector connected to the second end of the sleeve and configured to attach to a supply hose or an intermediate member; at least one driving air conduit for supplying driving air to the air turbine and having a conduit end; at least one auxiliary component selected from the group consisting of at least one light guide and at least one medium conduit; a return air conduit; wherein the at least one auxiliary component is arranged in the sleeve and has a forward end enclosed by the insert member; wherein the method comprises the steps of:

machining the insert member at an end facing the head of the sleeve such that a predetermined geometry for guiding driving air is provided;

arranging and securing a first end of the at least one auxiliary component in the insert member;

inserting the insert member into the sleeve via the second end of the sleeve through an interior of the sleeve to a final position at the head of the sleeve; and

securing the insert member in the final position.

10. The method according to claim 9, wherein in the step of machining an exit area of the driving air conduit and an entry way into the return air conduit are machined.